

2020 Study Plan Template

Bachelor of Science (Hydrology)

Please note that this document is provided as a guide only. Students are responsible for ensuring that they have completed 108 units of study according to the official Bachelor of Science (Hydrology) course rule available at <https://students.flinders.edu.au/my-course/course-rules/undergrad/bscs/bscs-hydr>

Students are responsible for planning their Core, Option and Elective topics ahead to ensure they meet the topic prerequisites.

A list of all topics, including topic prerequisite information and alternate study period availabilities, is available at <http://www.flinders.edu.au/topic>.

Semester 1 start:

Year 1	S1	<u>STEM1001</u> Nature of STEM (4.5 units)	<u>MATH1121</u> Mathematics 1A (4.5 units)	<u>EASC1101</u> Earth and Environmental Sciences (4.5 units)	One Of: <u>CHEM1101</u> Chemical Structure and Bonding (4.5 units) OR <u>CHEM1201</u> General Chemistry (4.5 units)
	S2	<u>STEM1002</u> Introduction to Geographical Information Systems (4.5 units)	<u>MATH1122</u> Mathematics 1B (4.5 units)	^ Elective Topic (4.5 units)	^ Elective Topic (4.5 units)
Year 2	S1	<u>ENGR2751</u> Fluid Mechanics (4.5 units)	<u>ENVS2761</u> Hydrology (4.5 units)	<u>EASC3741</u> Physical Hydrogeology (4.5 units)	<u>STEM2001</u> Remote Sensing for all Disciplines (4.5 units)
	S2	<u>EASC2702</u> Global Climate Change (4.5 units)	<u>EASC3742</u> Earth Fluid Modelling (4.5 units)	^ Elective Topic (4.5 units)	^ Elective Topic (4.5 units)
Year 3	S1	<u>EASC3751</u> Hydrochemistry (4.5 units)	<u>ENGR3851</u> Hydraulics and Water Engineering (4.5 units)	<u>STEM3100</u> Research Project in Science (4.5 units)	^ Elective Topic (4.5 units)
	S2	<u>ENVS3750</u> Field Studies in Environmental Disciplines (4.5 units)	<u>ENVS3801</u> Public Health Aspects of Water Quality (4.5 units)	Year Three Option Topic	^ Elective Topic (4.5 units)

Semester 2 start:

Year 1	S2	STEM1002 Introduction to Geographical Information Systems (4.5 units)	MATH1121 Mathematics 1A (4.5 units)	^ Elective Topic (4.5 units)	^ Elective Topic (4.5 units)
	S1	STEM1001 Nature of STEM (4.5 units)	MATH1122 Mathematics 1B (4.5 units)	EASC1101 Earth and Environmental Sciences (4.5 units)	One Of: CHEM1101 Chemical Structure and Bonding (4.5 units) OR CHEM1201 General Chemistry (4.5 units)
Year 2	S2	EASC2702 Global Climate Change (4.5 units)	EASC3742 Earth Fluid Modelling (4.5 units)	^ Elective Topic (4.5 units)	^ Elective Topic (4.5 units)
	S1	ENGR2751 Fluid Mechanics (4.5 units)	ENVS2761 Hydrology (4.5 units)	EASC3741 Physical Hydrogeology (4.5 units)	STEM2001 Remote Sensing for all Disciplines (4.5 units)
Year 3	S2	ENVS3750 Field Studies in Environmental Disciplines (4.5 units)	ENVS3801 Public Health Aspects of Water Quality (4.5 units)	Year Three Option Topic	^ Elective Topic (4.5 units)
	S1	EASC3751 Hydrochemistry (4.5 units)	ENGR3851 Hydraulics and Water Engineering (4.5 units)	STEM3100 Research Project in Science (4.5 units)	^ Elective Topic (4.5 units)

Key:	
Core Topic	Compulsory topic
Option Topic	A choice from a list of specified topics
^ Elective Topic	Any topic offered by the University at the appropriate year level, provided entry and course requirements are met and that no more than 45 units of First Year topics are included in the 108-unit program. Please refer to the course rule for a list of recommended electives. Students are encouraged to enroll in STEM3001 Science Connect as a third-year elective